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# United States Patent [19]

Lobb et al.



[11] Patent Number:

5,932,214

[45] Date of Patent:

Aug. 3, 1999

#### [54] TREATMENT FOR INFLAMMATORY BOWEL DISEASE WITH VLA-4 BLOCKERS

[75] Inventors: Roy R. Lobb. Westwood; Linda C. Burkly, West Newton, both of Mass.

[73] Assignee: Biogen, Inc., Cambridge, Mass.

[21] Appl. No.: 08/950,660

[22] Filed: Oct. 15, 1997

#### Related U.S. Application Data

[62ntinuation of application No. 08/456.124, May 31, 1995., abandoned, which is a continuation-in-part of application No. 08/373.857. Jan. 18, 1995., abandoned, which is a continuation-in-part of application No. 08/284.603, Aug. 11, 1994., abandoned, which is a continuation-in-part of:application No. 07/835.139, filed as application No. PCT/US93/00924, Feb. 2, 1993., abandoned

[51]	Int. Cl.6	<b>A61K 39/395</b> ; A61K 38/17
[52]	U.S. Cl	424/144.1; 424/130.1;
	424/133	.1; 424/134.1; 424/136.1; 424/141.1;
	424	/143.4; 424/153.1; 424/154.1; 514/2;
	514/8; 514/	(885; 530/350; 530/387.1; 530/387.3;
	530/388.	1; 530/388.2; 530/388.22; 530/388.7;
		530/388.73; 530/388.75

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Primary Examiner—Christina Y. Chan
Assistant Examiner—Phillip Gambel
Attorney, Agent, or Firm—Fish & Richardson P.C.

## [57] ABSTRACT

A method for the treatment of inflammatory bowel disease (IBD) is disclosed. The method comprises administration of an antibody, polypeptide or other molecule recognizing VLA-4, a surface molecule expressed on most types of white blood cells and involved in leukocyte adhesion to endothelium and other tissus in the gut.

15 Claims, 8 Drawing Sheets